

1632

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shuo Lin Examiner: Valarie E. Bertoglio
Serial No.: 10/517,880 Group Art Unit: 1632
Filed: December 13, 2004 Docket: G&C 30435.145-US-WO
Title: FISH PRODUCED BY NUCLEAR TRANSFER FROM CULTURED CELLS

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 5, 2006.

By: Name: William J. Wood

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing a Certificate of Mailing under 37 CFR 1.8.
- Information Disclosure Statement and Form PTO-1449.
- Cited Reference(s).
- Return postcard.

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462

GATES & COOPER LLP

Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045
(310) 641-8797

By:

Name: William J. Wood
Reg. No.: 42,236
WJW/kmk

(PTO TRANSMITTAL - GENERAL)

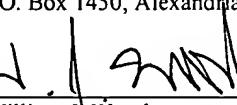


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INFORMATION DISCLOSURE STATEMENT(37 C.F.R. §1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each foreign patent document and each non-patent document listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art". Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please direct any response or inquiry to the below-signed attorney at (310) 641-8797.

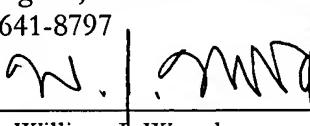
Respectfully submitted,

GATES & COOPER LLP
Attorneys for Applicant(s)

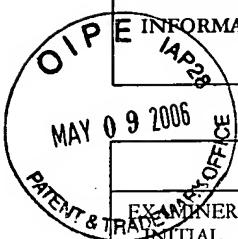
Howard Hughes Center
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Date: May 5, 2006

WJW/kmk

By: 
William J. Wood
Reg. No.: 42,236

Form 1449*		Docket Number: G&C 30435.145-US-WO	Application Number: 10/517,880
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION		Applicant: Shuo Lin	
		Filing Date: December 13, 2004	Group Art Unit: 1632



U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2002/0178461	11/28/2002	Lin			
FOREIGN PATENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
		"Production of zebrafish germ-line chimeras from embryo cell cultures," Ma et al., PNAS, February 27, 2001, vol. 98, no. 5, 2461-2466.				
		"Embryonic and genetic manipulation in fish," Zhu et al., Cell Research (2000), 10, 17-27.				
		"Studies on the developmental potentiality of cultured cell nuclei of fish," Hongxi et al., Acta Hydrobiologica Sinica, March 1986, vol. 10, no. 1, 1-10.				
		"Development and gene expression of nuclear transplants generated by transplantation of cultured cell nuclei into non-enucleated eggs in the medaka <i>Oryzias latipes</i> ," Ju et al., Develop. Growth Differ. (2003) 45, 167-174.				
		"Transplantation of blastula nuclei to non-enucleated eggs in the medaka, <i>Oryzias latipes</i> ," Niwa et al., Develop. Growth Differ. (1999) 41, 163-172.				
		"Cloned zebrafish by nuclear transfer from long-term-cultured cells," Lee et al., http://www.biotech.nature.com , August 2002, vol. 20, Nature Biotechnology, 795-799.				
		"Nuclear transplantation of somatic cells of transgenic red carp," Zhao et al., Acta Genetica Sinica, May 2002, 406-412.				
		"Fertile and diploid nuclear transplants derived from embryonic cells of a small laboratory fish, medaka (<i>Oryzias latipes</i>)," Wakamatsu et al., PNAS, January 30, 2001, vol. 98, no. 3, 1071-1076.				
		"Studies on factors affecting the development of embryos from somatic cell nuclear transplantation in the fish," Liu et al., Zoological Research, April 2002 (2): 107-112.				
		"Human factor IX transgenic sheep produced by transfer of nuclei from transfected fetal fibroblasts," Schnieke et al., Science, vol. 278, 19 December 1997, 2130-2133,				
		"Factors affecting the efficiency of somatic cell nuclear transplantation in the fish embryo," Liu et al., Journal of Experimental Zoology, 293:719-725 (2002), 719-725.				
		"Animal cloning – the route to new genomics in agriculture and medicine," DiBerardino, Differentiation (2001) 68:67-83.				

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	